

Status and Future Trends on Legislation to Reduce Greenhouse Gas Emissions in Washington State

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CSCMP Seattle Roundtable

“Trends and Opportunities in Green Supply Chains and Freight Transportation”

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**Washington State
Department of Transportation**



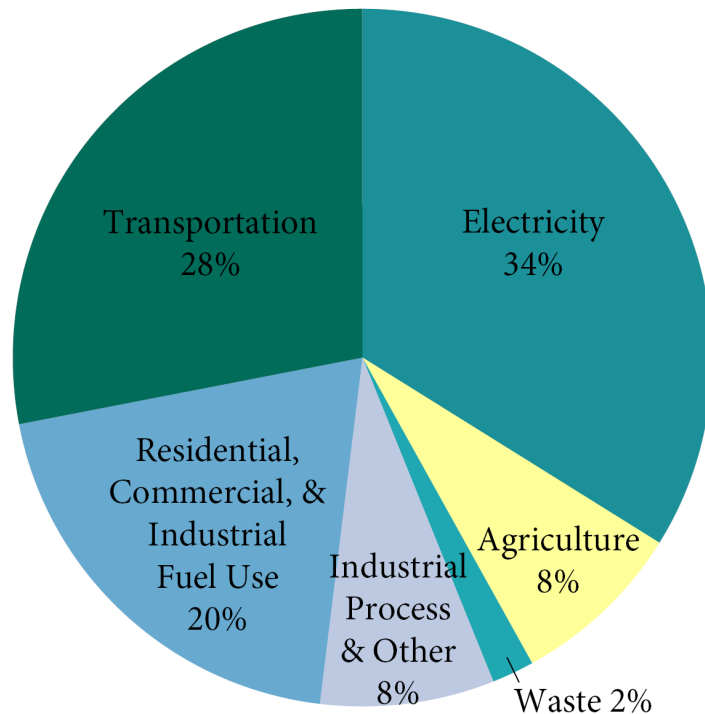
Presentation Overview

- Legislation to reduce greenhouse gas emissions
- Efforts at the state level to reduce emissions from transportation
- Current and future transportation strategies

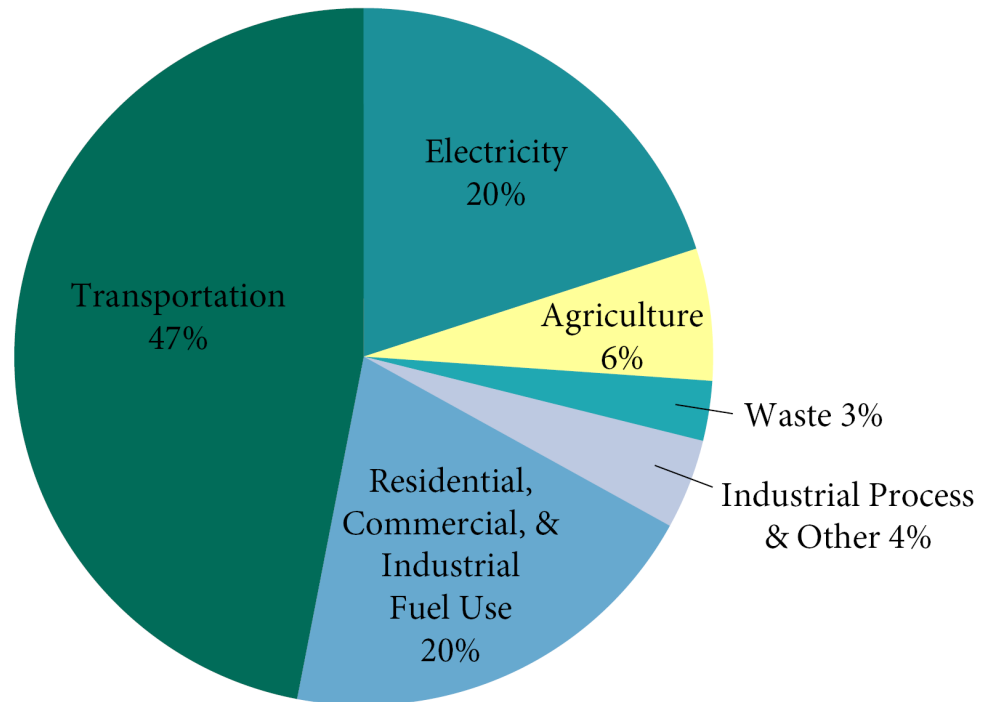


Transportation accounts for 47% of greenhouse gases in Washington

U.S. Greenhouse Gas Emissions



Washington Greenhouse Gas Emissions



2005

Source: Leading the Way on Climate Change: the Challenge of Our Time, February 2008, Washington State Dept. of Ecology Publication #08-01-008



Legislative highlights

- 2007 Senate Bill 6001

- Target reduction of state's greenhouse gas emissions to:
 - 1990 levels by 2020
 - 25% below 1990 levels by 2035
 - 50% below 1990 levels by 2050

- 2008 House Bill 2815

- State to reduce per person VMT
(Baseline = 75 Billion Vehicle Miles Traveled, vehicles under 10,000 lbs)
 - 18% by 2020
 - 30% by 2035
 - 50% by 2050



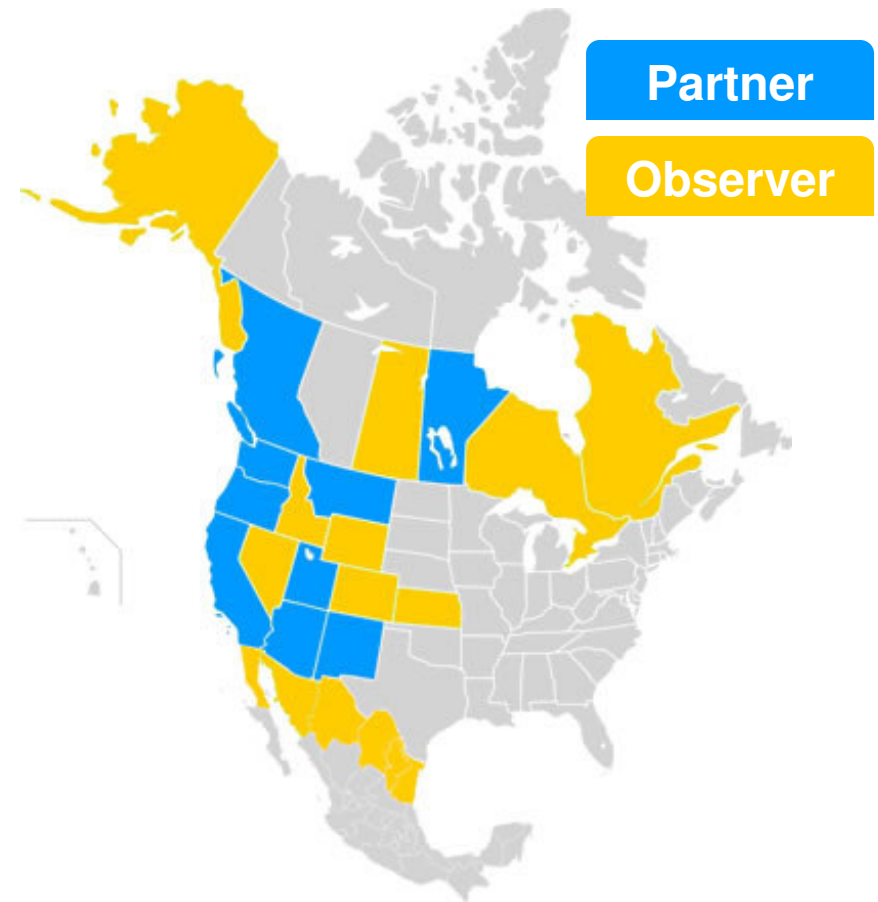
2815 Reporting and Green Jobs

- Department of Ecology will develop reporting rules over the next two years.
 - Focus is on large greenhouse gases emitters:
 - Industrial sites with emissions exceeding 10,000 metric tons
 - Large motor vehicle fleet operators with emissions exceeding 2,500 metric tons
 - Ecology may defer reporting for interstate and international commercial aircraft, rail, truck, or marine vessels until there is a federal requirement
 - WSDOT will work with Ecology to develop an estimate of emissions from passenger and smaller emitters.
- Green Economy Jobs Growth Initiative
 - Target of 25,000 green jobs by 2020



Western Regional Climate Action Initiative (WCI)

- Governors of Washington, Oregon, California, Arizona, and New Mexico Initiative to develop regional strategies addressing climate change in February 2007.
- Montana, Utah, British Columbia, and Manitoba have since joined as partners.
- 6 US states, 6 Mexican states and 3 Canadian provinces are official observers.



Governor's Climate Change Challenge



Executive Order 07-02 (2007)

- Reduce emissions
- Adapt to change
- Support our economy



Climate Advisory Team (CAT)

- Governor-appointed committee representing Ecology, Community Trade and Economic Development, Transportation, and others statewide
- Proposed initial recommendations
- Will develop specific strategies, potential legislation, and programs to reduce Washington's greenhouse gas emissions



Climate Advisory Team to deliver

By December 1, 2008

- Comprehensive plan to achieve statutory greenhouse gas emission limits
 - Track and report on progress towards meeting emission reductions
 - Recommend additional strategies if limits not being met
- Final recommendations of the Climate Advisory Team
 - “Most promising” strategies
 - Recommendations to reduce emissions “per distance traveled”
- Tools and best practices to achieve reductions in annual per capital vehicle miles traveled



WSDOT's approach to Climate Change

WSDOT is addressing Climate Change through effective, measurable and balanced emission reduction strategies:

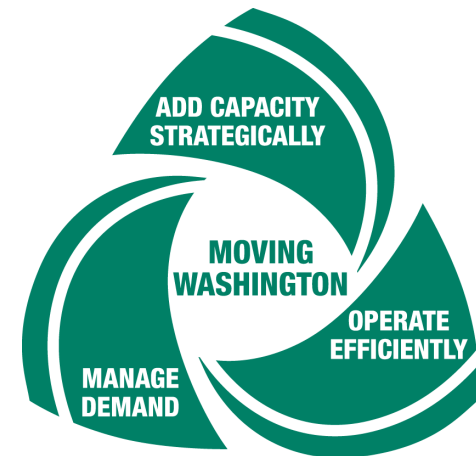
1. **Measurable**, based in science
2. **Balanced** approach, looking at a range of strategies.
3. **Strategic**, identifying and applying different strategies based on region and access, not one size fits all



Moving Washington

WSDOT's three-part strategy to address congestion

- Managing Demand
 - Providing people choices
- Operating Efficiently
 - Getting the most out of the infrastructure we have
- Adding Capacity Strategically
 - Building is part of the solution



Strategies to address Climate Change

Transportation working group recommended 13 areas of focus for Washington. Highlights include:

- Analyze greenhouse gas emissions and mitigation options early in decision-making, planning processes, and development projects.
- Build and continue to redesign communities that offer real and reliable alternatives to single occupancy vehicles.
- Ensure Washington has vehicles that are as efficient as possible and use non-carbon or lower carbon intensity fuels developed sustainably from regional resources.
- Invest in Washington's existing transportation infrastructure to move people and goods cleanly and efficiently.



Transportation Implementation Work Group

- Group to develop, review, and prioritize strategies and measurement tools for reducing Vehicle Miles Traveled.
- Statewide representatives from:
 - Transportation planning organizations
 - Transit association
 - Business and auto industry
 - State agencies and local government
 - Environmental groups



WSDOT Next Steps

- Climate Advisory Team member: Paula Hammond, Secretary of Transportation
- Transportation Implementation Work Group Co-lead: Katy Taylor, WSDOT
- What we are doing now
 - Current activities
 - What can we do
 - What should we do
- Work with our partners



Questions or comments?

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